se 2006/03/18¹² CIA-RDP82-00457R0109001<u>70001-6</u> TTY INFORMATTON Approvesorto PREIZA CENTRAL INTELLIGENCE AGENCY 25X1 REPORT INFORMATION REPORT CD NO. 25X1 11 March 1952 DATE DISTR. USSR (Orel Oblast) Locomotive Plant in Bezhitsa (Ordzhonikidzegrad) NO. OF PAGES 25X1 NO. OF ENCLS. 4 (12 pages) (LISTED BELOW) SUPPLEMENT TO 25X1 REPORT NO. LINEVALUATED INFORMATION 1. Location At the eastern town border of Ordzhonikidzegrad (34019'E/ 53019'N), Orel Oblast, south of the railroad line to Bryansk, in an angle formed by the Rivers bolva and Desna. Plant installations: man troops installed an automobile repair shop in the few remaining buildings of the plant which had been almost completely destroyed by retreating Soviet troops during the Tirst years of the war. On the arrival of German PWs in 1944 only a part of the large boiler house, one crane and several small plant installations were intact. By July 1949 ethe plant was almost completely reconditioned and the Arthlowing new buildings were under construction or being a installed: The northern part of the new boiler house, nailroad car assembly, boiler forge, two workshops, labortory and some installations. Dismantled German machinery was installed and efforts were made to install modern assembly lines. The instability of the newly constructed buildings caused the framework of one workshop to wing when large crane installations were put into operation. while the roof of another workshop collapsed, an iron structural part being fitted with two rivets instead of eight. The plant covers an area of about $2xl_2^{\frac{1}{2}}$ km and, especially in the northern part, is densely built up. For plant layout see Annex 1; for workshop sketches see

3. Jork force:

ARMY # X X AIR

Annexes 2 to 4.

COUNTRY

SUBJECT

ACQUIRED

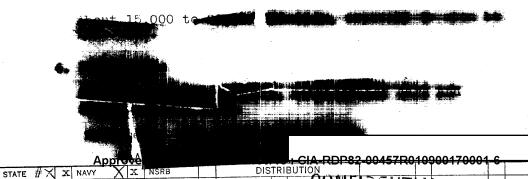
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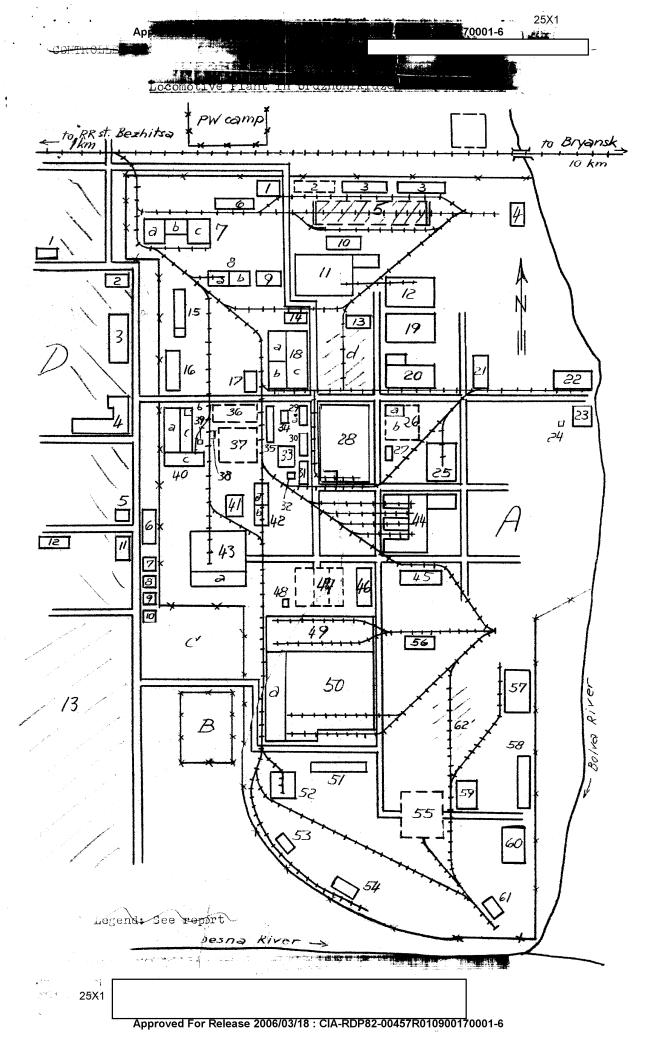
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INFO.

PLACE





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Legend of Annex 1:

- A Railroad engine and car plant
 - 1 Administration, three-story building 50x20 meters
 - 2 Kuins
 - 3 Two storage buildings
 - 4 Depot for transformer oil
 - 5 Scrap dump with cranes
 - 6 Workshop, 50x12 meters, manufacture of small tools, screws and nuts
 - 7 Main warehouse, 100x40 meters, with large loading platform
 - a stores with electric instruments, oils and small parts
 - b Stores with cable accessories
 - c stores with glass, machines and machine parts to complete the plant installations
 - 8 Workshop, 120x40 meters
 - a Manufacture of railroad car springs
 - b Lanufacture of bolts and nuts
 - 9 Mechanical workshop, 80x40 meters, manufacture of screws and nuts
 - 10 workshop under construction
 - 11 Steel foundry, 80x100 meters, double-span building, for details see Annex 2
 - 12 Forge, 100x80 meters, manufacture of connecting rods, puffers, handles, large bolts, nuts and single parts
 - 13 Laboratory under construction, 16x12 meters
 - 14 Old boiler house, 40x20 meters, to serve heating purposes
 - 15 Apprentices' workshops, 80x16 meters

25X1 16 Main administration building, 16x12 meters Compressor station with two compressors, 30x12 18 Workshop, 100x100 meters a New section of power plant under construction, with two new generators, total capacity 6,000 to 8,000 kw; to be installed not before the Summer of 1949 Operating section of nower plant with two generators, total capacity 2,500 kws, and four boilers c Stores d Coal dump with grabcrane with the new section of the power plant operating, the plant will be independent of other power sources. 19 Rolling mill, 100x80 meters, manufacturing T-girgers, section and construction iron Electrically operated steel foundry with cast-iron department, 100x45 meters, for details see Annex 4 Model making carpenter shop, 40x12 meters 22 Sawmill 23 Pumping plant 24 Transformer station 25 New wagon assembly shop, 100x60 meters, operation expected in 1949 26 Foundry for non-ferrous metals a Reconstructed section, 40x50 meters b Ruins 27 Finnish Laths 28 Mechanical workshop and tool shop, 150x80 meters, with several longitudinal sections, for details see annex 3 29 Kitchen 29a Water tower Electrical workshop for reconstruction requirements, 80x16 meters

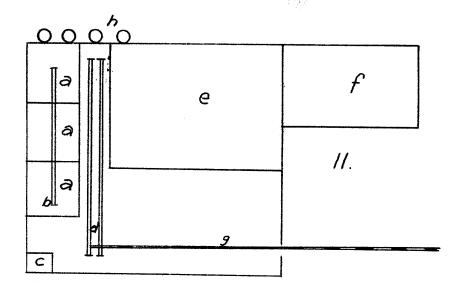
3]	Construction of water pipes and steam nines
32	Transformer station No. 2
33	Pumping station
34	_witchboard and office
35	Electric repair shop, 90x20 meters
36	Fark
37	nuins
38	.agon scale
39	Transformer
40	Workshop, 100x60 meters
	a lechanical workshop, manufacture of cranes
	b Underground denot for transformer oil
	c assembly shop for cranes
41	moiler house
42	#orkshop
	a Painting shop for locomotives
	b Painting shop for wagons
43	New boiler forge, 120x120 meters, multi-span build bare structure completed, installations from German Borsig Flants as Soviets stated
	a Offices
44	Assembly of tenders and refrigerator cars, main building, 150x60 meters and wings 40 meters wide, for details see Annex 3
45	New workshop under construction, 80x40 meters, lacquering shop, operation expected by Winter 1949
46	Carpenter shop, 80x40 meters
47	Ruins
48	ransformer

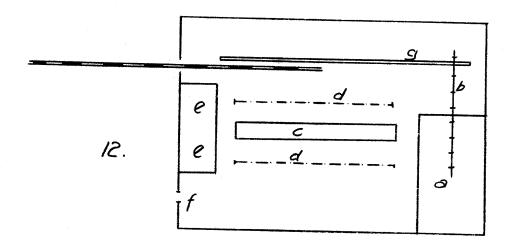
- Locomotive assembly, 20x60x32 meters, ready for operation since 1948, equipped with four traveling cranes, two superposed, one with a capacity of 75 tons. being so feebly constructed as to have insufficient strength the large workshop will, German construction specialists believe, not be able to carry the heavy crane installations over a period of several years, especially as a roof section collapsed while under construction.
- 50 Preliminary assembly shop for locomotives, 11-span building, 200x200 meters, with five spans reconstructed and ready for operation
 - No. 1 Assembly of locomotive frames
 - No. 2 Partial assembly of cylinders
 - Mo. 3 Final assembly of cylinders including stability tests
 - No. 4 Manufacture of locomotive wheels and fitting of rims which at that time were still being delivered to the plant
 - ...o. 5 Lathe shop for shafts for locomotive power plants
- 51 Garages, 70x40 meters
- angine shed 52
- 53 Slag-stone plant
- 54 rickyard
- Depot with construction materials 55
- 56 Drying chamber for timber
- 57 Sawmill
- 58 Garages, 60x40 meters
- 59 Jement plant
- 60 ruel dump
- 61 Lime plant
- Assembly area of steel structural parts for construction requirements

25X1			

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	L				
	Ŀ	F./ Camp Ho. 7326/6			
	Ú	Dazar			
	ز	J Pown section			
		1 Plant Soviet, political supervision of locomotive plant			
		2 Ingineering school			
		3 New polyclinic			
		4 aternity ward			
		5 Lank			
		6 Lunicipal food sales department Lectazin			
		7 ire department			
		8 Lain office of construction company			
		9 Lething installations			
	1.0	rood stores and sales department			
	1	l Lecruiting headquarters			
	1	2unicipal polyclinic, four-story reconstructed building			
	1	3 Area of projected plant settlement			
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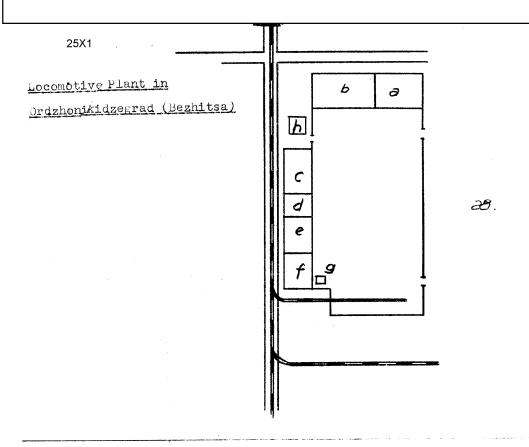
Locomotive Plant in James Lazegrad (Bezmitsa)

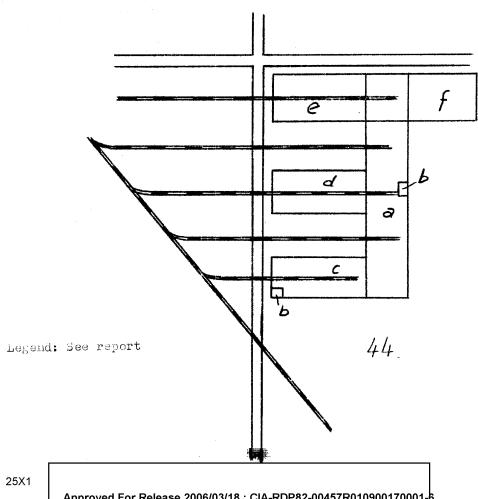




Legend: See report

25X1 legend of Annex 2: building wo. 11 of Annex 1 Steel foundry, double-span building, 100x80 meters Three smelting furnaces for steel, production of locomotive and tender wheels without rims b Grane installations for the charging of the furnaces ransformer station Two superposed cranes operating the casting process Loading shop Lolishing shop F Spur track h Four smokestacks Luilding to. 12 of Annex 1 orge, production of connecting rods, puffers etc. large annealing furnace for connecting rods and other big work pieces Conveying installation for large castings light to ten small annealing furnaces for small castings d Presses and dies Offices Entrance g Cranes 25X1



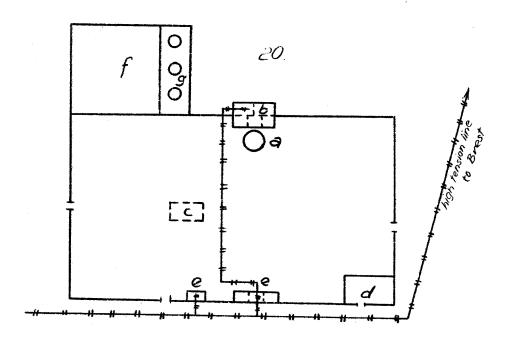


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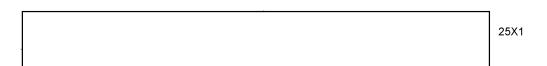
legend of Annex 3:
i.o. 28 of Annex 1
Mechanical workshop and tool department, 150x80 meters, multi-span building
a Chroming and tin-plating shop; second floor: administration
b Stores and workshop for measuring instruments; second floor: Kitchen
e Forge
d Construction of iron beds
e mardening shop, electrical surface hardening
f hardening shop with lye bath
g Transformer station
h later station in small park
.vo. 44 of annex 1,
Construc ts on of tenders and refrigerator cars, main build 150x60 meters each wing 40 meters wide
a Wender assembly shop and nechanical workshop
b Two transformers
c .aterial depot
d Construction of refrigerator cars
e Appembly of wheel sets
f Tin-plating shop for refrigerator units

25X1

Locomotive Plant in Ordzhonikidzegrad (Bezhitsa)



Legend: See report



25X1	
	Legend of Annex 4:
	No. 20 of Annex 1
	electric steel foundry and cast iron department, 100x 45 meters
	a Electrical steel furnaces of German origin, 6 to 7-to capacity, operating since June 1949
	b lectrical installations, central switching and com- pressor station for the furnace, three transformers
	c Hold for the casing of wheels and chassis parts
	d Office
	e rour transformer stations
	f Annex for east iron foundry
	g Three iron cast furnaces
25X1	